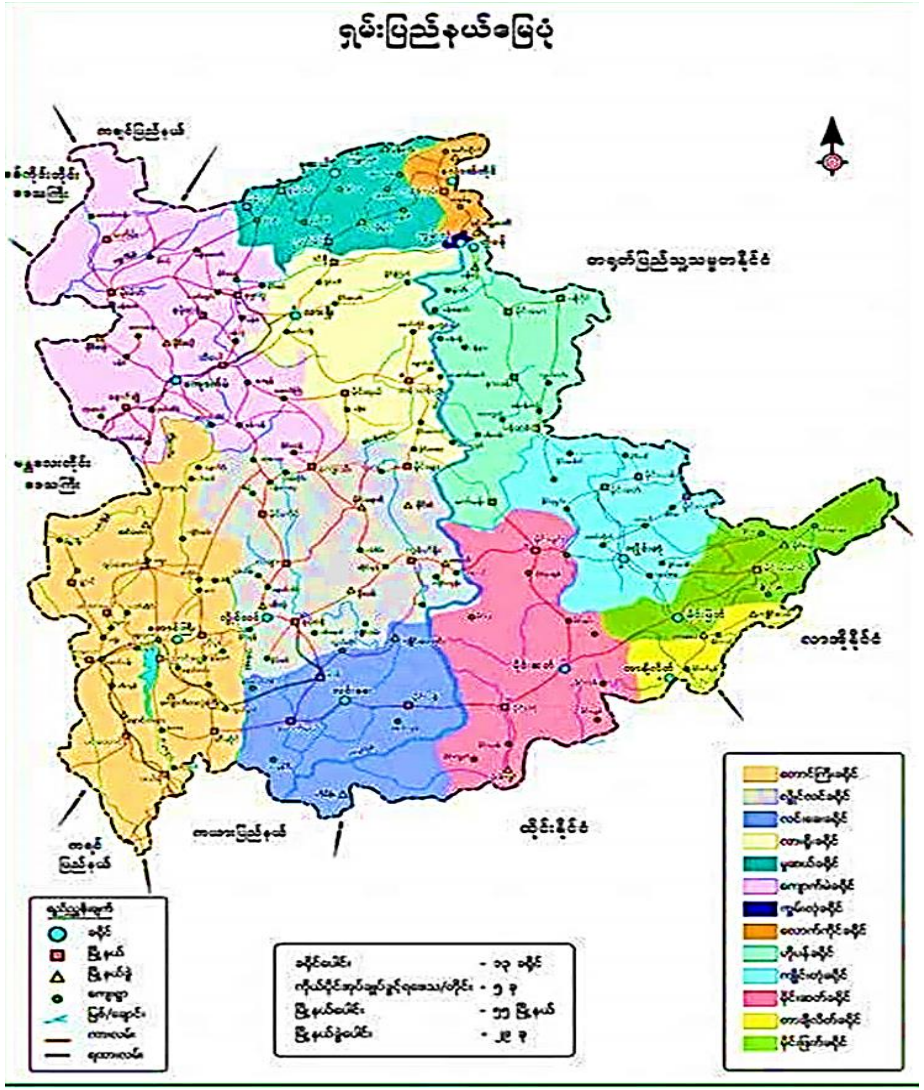
Ministry of Agriculture, Livestock and Irrigation
Department of Agriculture
Shan State

Localized Application of Agricultural Extension Methods in Shan State

Presented by
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Department of Agriculture

Jan 27, 2021

Introduction



Local Information

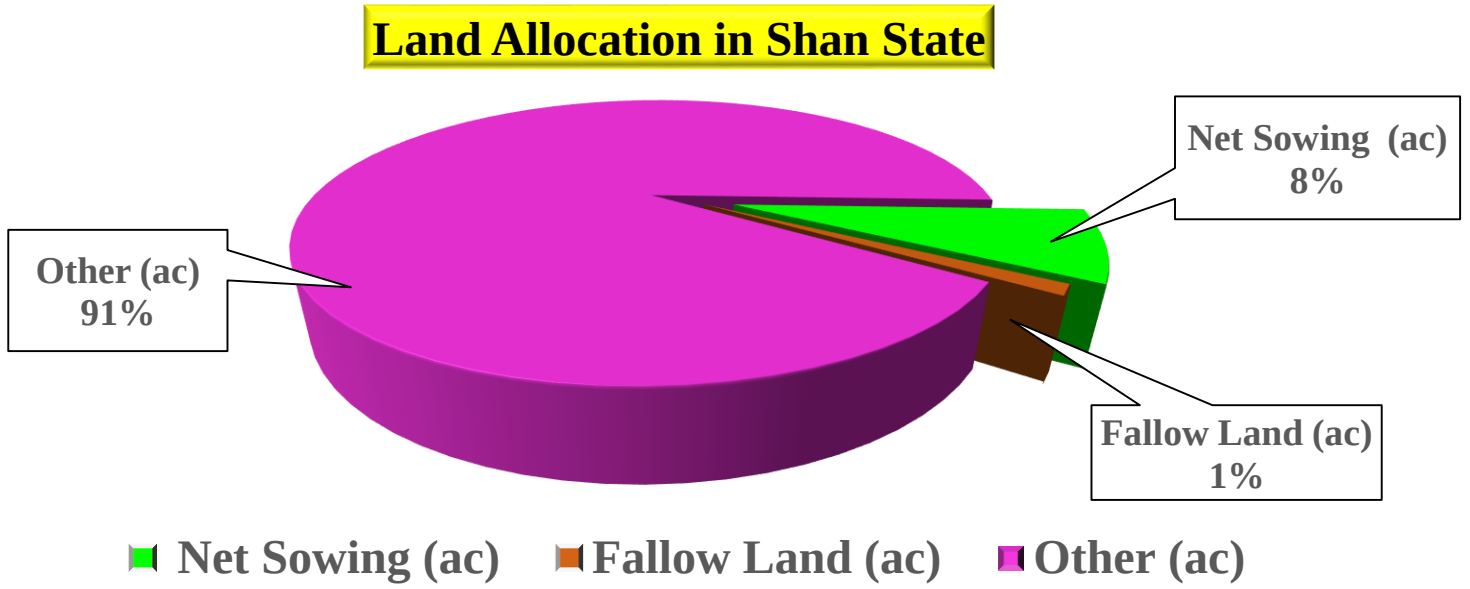
Total Districts	-	13
Total Townships	-	55
Self-Administered Zone	-	5
Total Towns	-	29
Total area	-	155,458 km^2
Rural people	-	70 %
Urban people	-	30 %

Source; Myanmar census(2014)

Contd…

Land Allocation in Shan State

No.	Location	Net Sowing (ac)	Fallow Land (ac)	Other (ac)
1	Southern Shan State	1339566	163789	13857898
2	Northern Shan State	1427826	277203	15136949
3	Eastern Shan State	495526	34837	9501798
	Total	**3,262,918**	**475,829**	**38,496,645**



Source: DALMS, 2020

Objectives

1) To identify localized effective extension methods

2) To point out successful crop-based agricultural extension approach methods

3) To explore main challenges in applying extension methods

Problem Statement

- It is an agriculturally based State and the backbone of its economy.
- Crop diversification is obvious, different ethnic groups and multi-dialect, insurgent area, difficult in transportation
- Agricultural extension staff and farm area ratio is 1: 2800
- Big challenges to meet extension staff demand during a short period of time
- Efficient and effective extension method is importance role in agriculture
- **Therefore, choosing localized extension methods is vital role for agricultural development in Shan State.**

Material and Method

- Analyzed using secondary data and different local information
- Reassessment of previous, current and future conditions

Approach Methods for Key Persons on Different Ethnic Groups

No.	Ethnic Groups	Total population (million)	Key Person	Extension Methods
1	Shan	3.4 – 4.5	Village Head	Individual, Group & Mass contact
2	Paho	1.8 – 2.0	Village Monk	
3	Danu	0.16 – 0.17	Local leader	
4	Intha	0.1- 0.2	Village Head	
5	Other (Kokang, Wa, Ta'ang,etc)	0.3 - 0.45	Local Leader	










Source: MIMU, April, 2018

Shan People's Behavior and Distinct Features

No.	Features	Behavior	Localized	Extension Methods
1	Local Bazar	Once Every (5) Days	Near by market place	Individual, Group & Mass Contact
2	Social participation	Unity	Village activities	
3	Ethnic Stereotype	System of beliefs	Selected ethnic	
4	Languages	Multi-dialect	Volunteer	
5	Social norms	Mutual respect	Positive attitude	
6	Religious beliefs	Full / new moon days	Monastery	

Farm & Home Visits













Method Demonstrations













Bulletin, Pamphlet

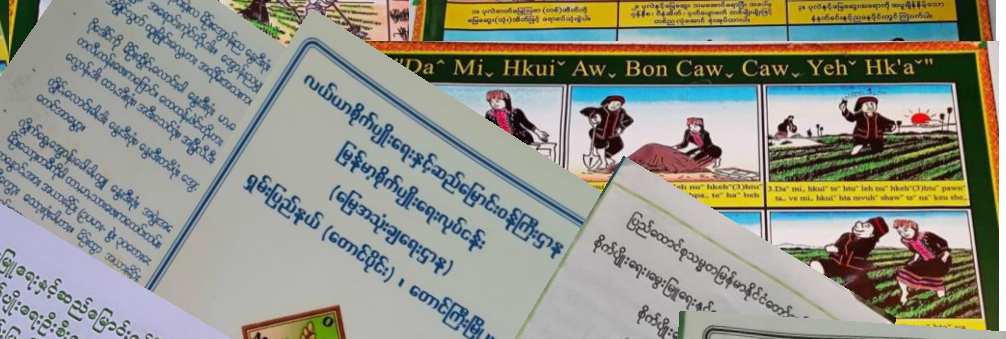




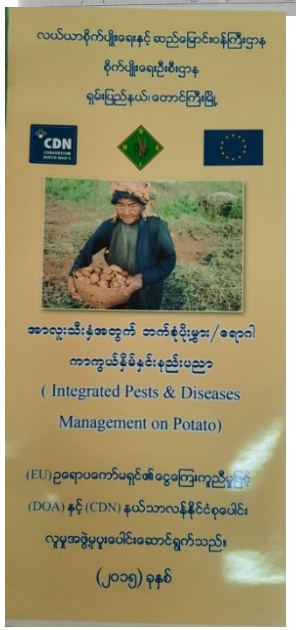


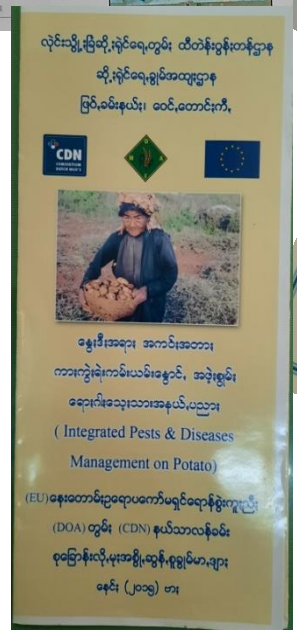


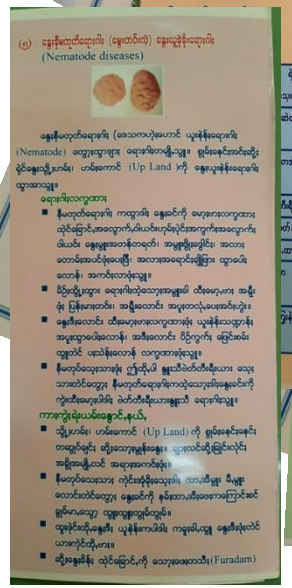




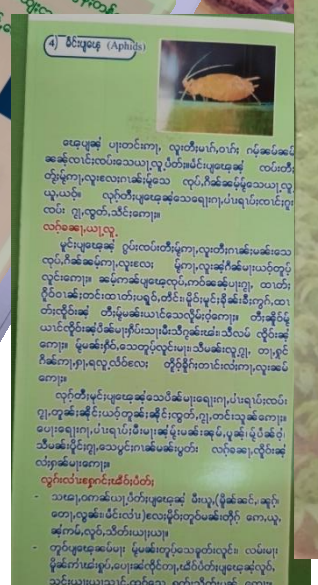


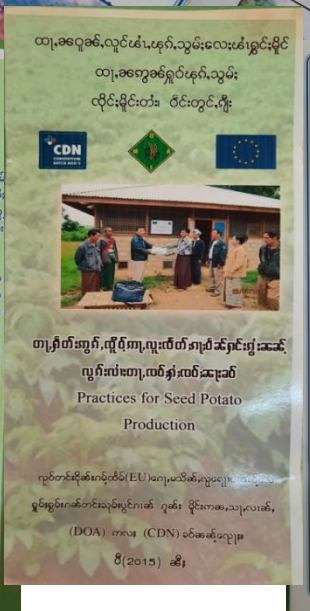




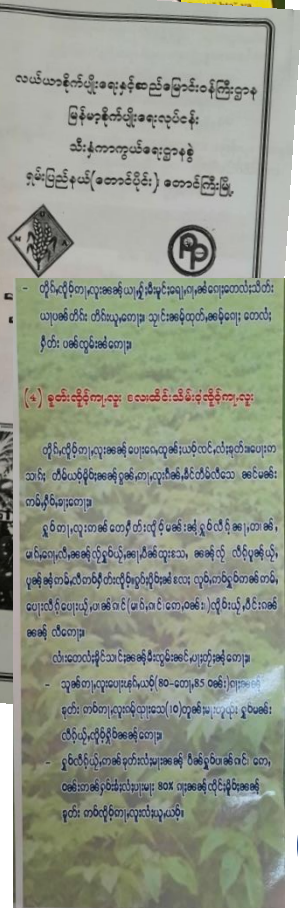












Campaign









Agricultural Mobile Application













Crop-based extension approach method

- Depend on different geographical, climatic and market opportunities
- Groups all the function for increase crop production-extension, research, input supply, marketing and prices
- Extension is fairly centralized and oriented towards one commodity or crop
- Extension has many functions

Crop-based Extension Activities










Challenges in applying extension methods

- **Extension Staff**

1) Need training programme, travelling allowance and local dialect
2) Mobility problem
3) Weak of teaching aids
4) Female extension staff safety

- **Farmer**

1) Poor willingness
2) Need credit loan

Conclusion and Recommendation

- Approach depend on different ethnic groups behavior and features to develop agricultural sector
- Farm & Home Visits, Method Demonstration, Bulletin, Pamphlet, Campaign and ICT-based Extension were more reliable among others.
- Extension Staffs should attempt to find out the favorable crops on specific location
- More training for extension staffs and support material facilities and others are beyond staffs' hand

Conclusion and Recommendation

- Local staffing Orient extension agents for specific location
- Attention **ITK** and should educate adaptable technology
- Should research special crop according to specific environmental conditions

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Thank you for your kind attention



